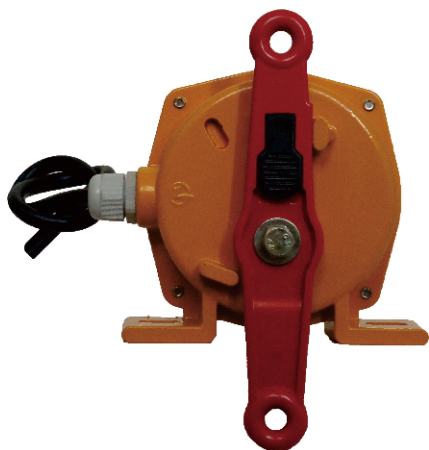




双向拉绳开关
E 系列 手动复位型



双向拉绳开关
F 系列 手动复位型



双向拉绳开关
G 系列 手动复位型



双向拉绳开关
F 系列 自动复位型

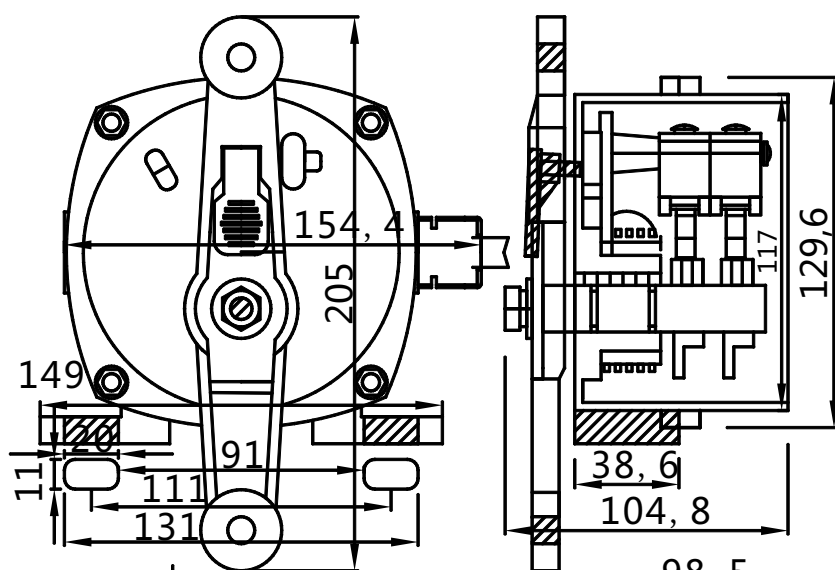
举例安装示意



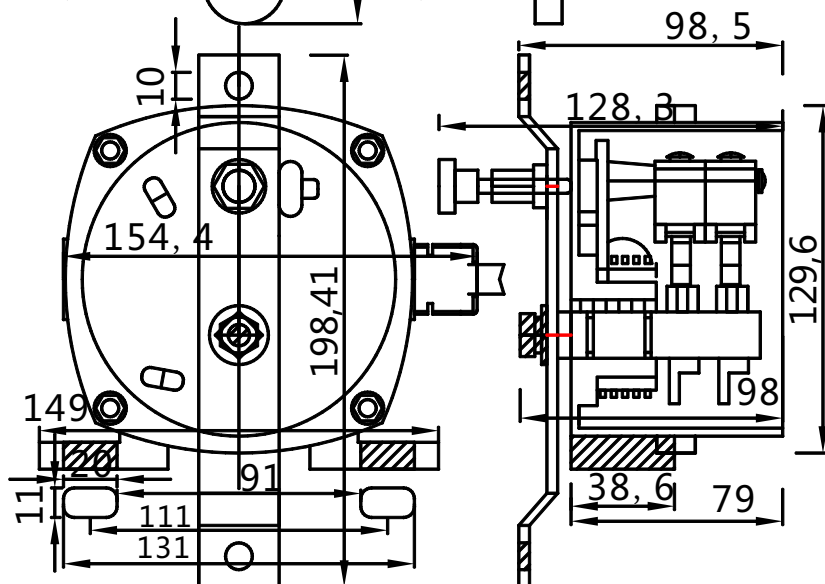
上图为二开二闭

■ 外形尺寸图

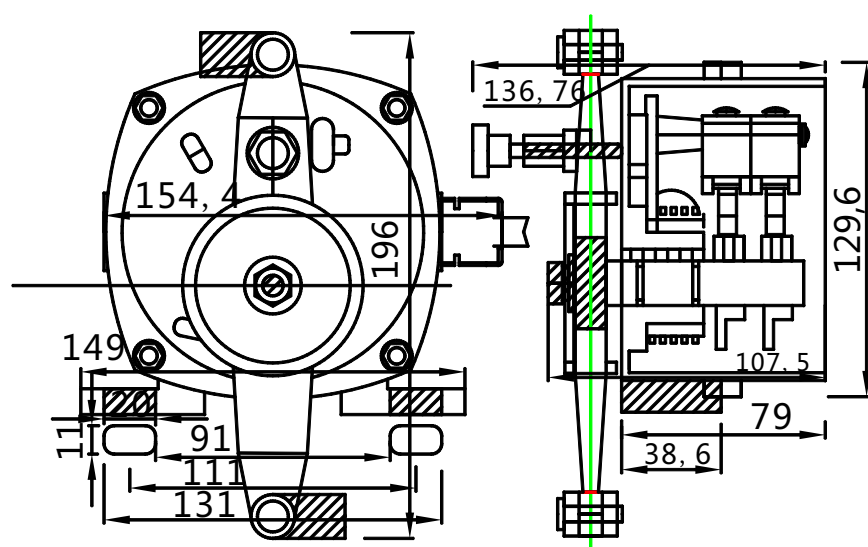
E 系列尺寸



G 系列尺寸



F 系列尺寸

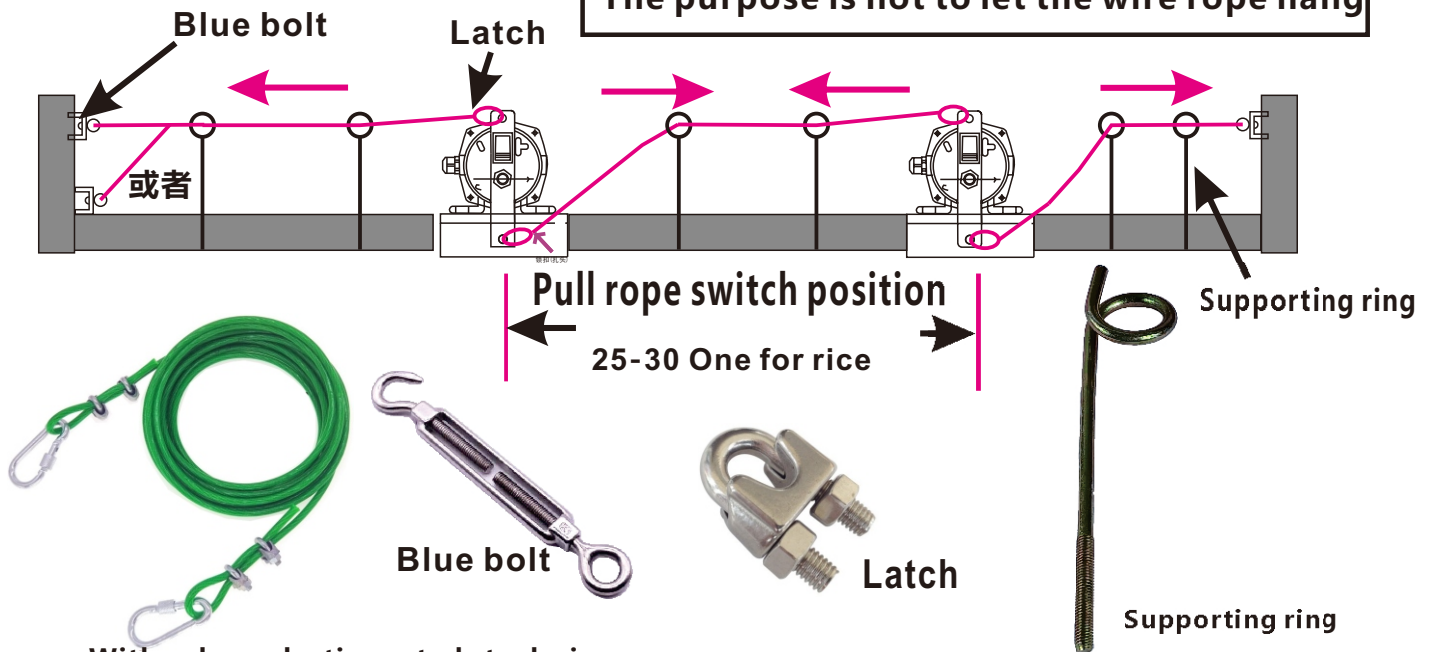


单位：mm

Two-way pull rope switch

Example installation diagram

Supporting ring: 5-10 One meter
The purpose is not to let the wire rope hang



With color - plastic coated steel wire rope (plastic coated/leather coated)

Specifications : 3 packages 4

Summary

Pull rope switch is widely used in steel, cement, power plants, mines and other plants and mines with belt conveyors. The product is installed on both sides of the belt conveyor. It is a protective switch for emergency shutdown of the belt conveyor. Pull the wire rope at any point within the operating distance of the switch, cut off the operating circuit to stop the whole line, and realize the protection of the belt conveyor and personal safety.

technical specifications

Action angle: 30
Number of contacts: 1 normally open; 1 normally closed (factory standard) 2 normally open; 2 normally closed (description before ordering)
Action force: 4-10 N
Contact capacity: 24~380VAC/DC current 10A
Protection grade: Ip67
Reliability: > 500000 times
Ambient temperature: - 30 °C - +60 °C
Relative humidity: no more than 85

Working principle

When an emergency occurs at the belt transportation site, pull the wire rope tied to the lifting lug, which is the action of the sliding block and switch in the machine, and send a stop signal

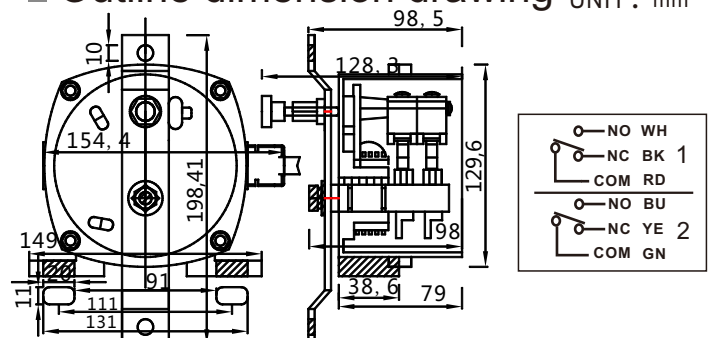
The manual type is equipped with self-locking protection (the automatic type will automatically recover after the wire rope is released), and can be reset only after the accident is eliminated by pressing the lower limit lever; Long service life; Good sealing performance, with the advantages of dustproof, shockproof and anti-corrosion; The casing is made of cast aluminum with light weight and strong hardness.

Installation and use

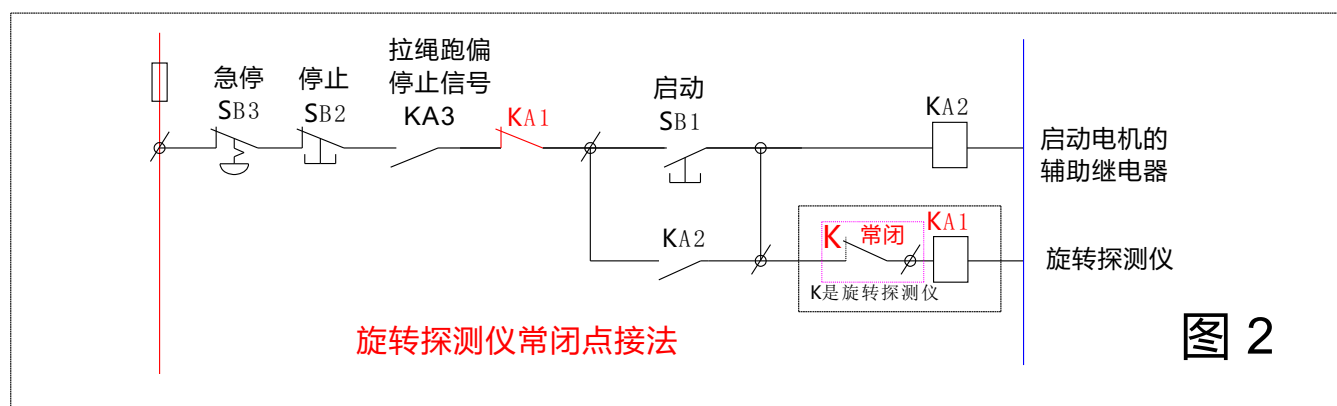
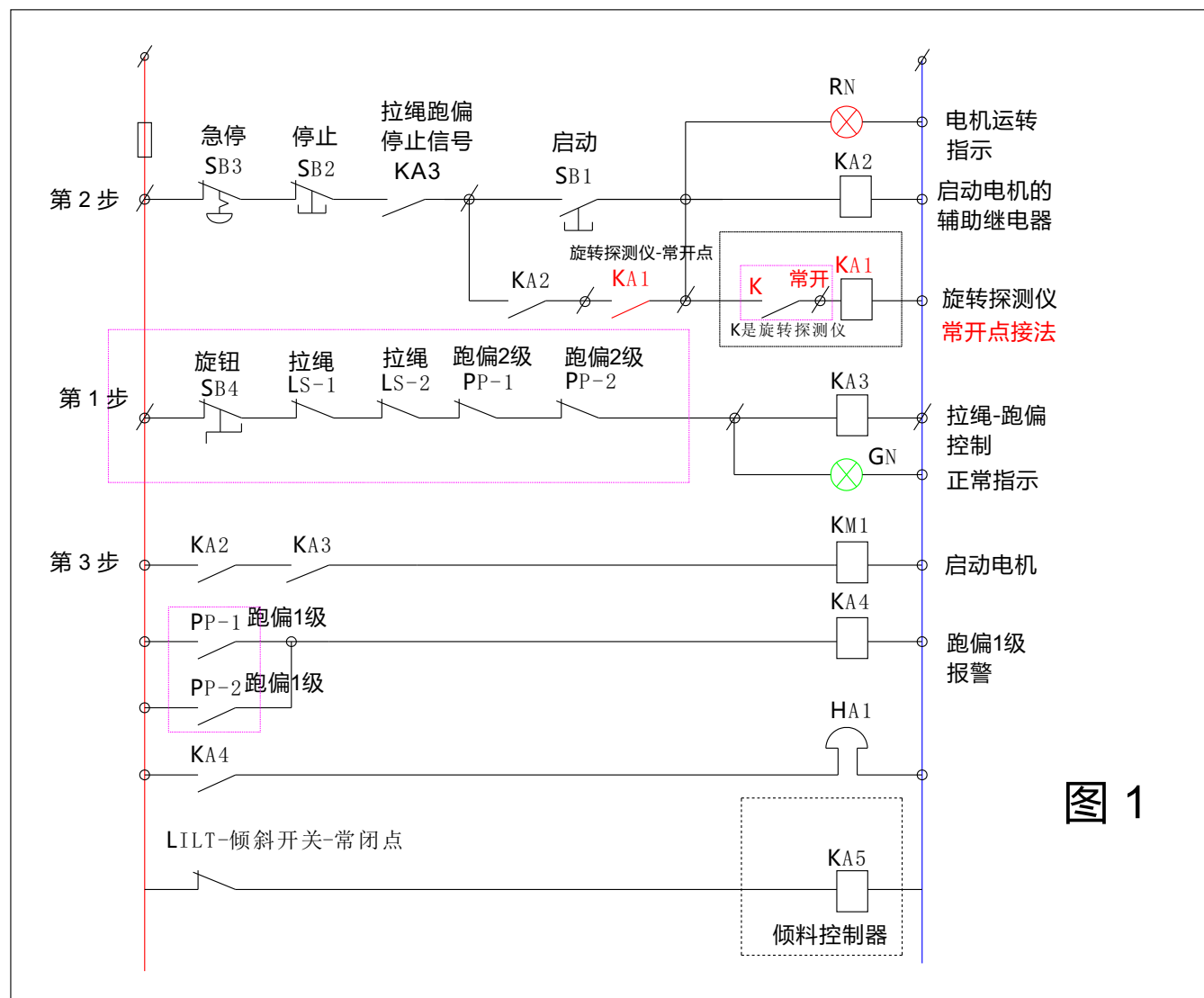
- The switch is installed on the fixed bracket of the frame smoothly.
- Tie the wire rope on the pull rings at both ends, and the rope length on each side shall not exceed 40 meters (When there is a slope, it should be shortened to 25 meters)
- The action force of the pull rope shall be appropriate to ensure the reliable reset of the switch.
- The steel wire rope is arranged along the parallel direction of the belt, and a lifting ring is added every 10 meters.

The mounting bracket is not provided with the switch and needs to be purchased separately; Installation bracket style, number of switch points, can be customized according to user requirements

Outline dimension drawing UNIT: mm



没有设计院设计，参考这个电路设计



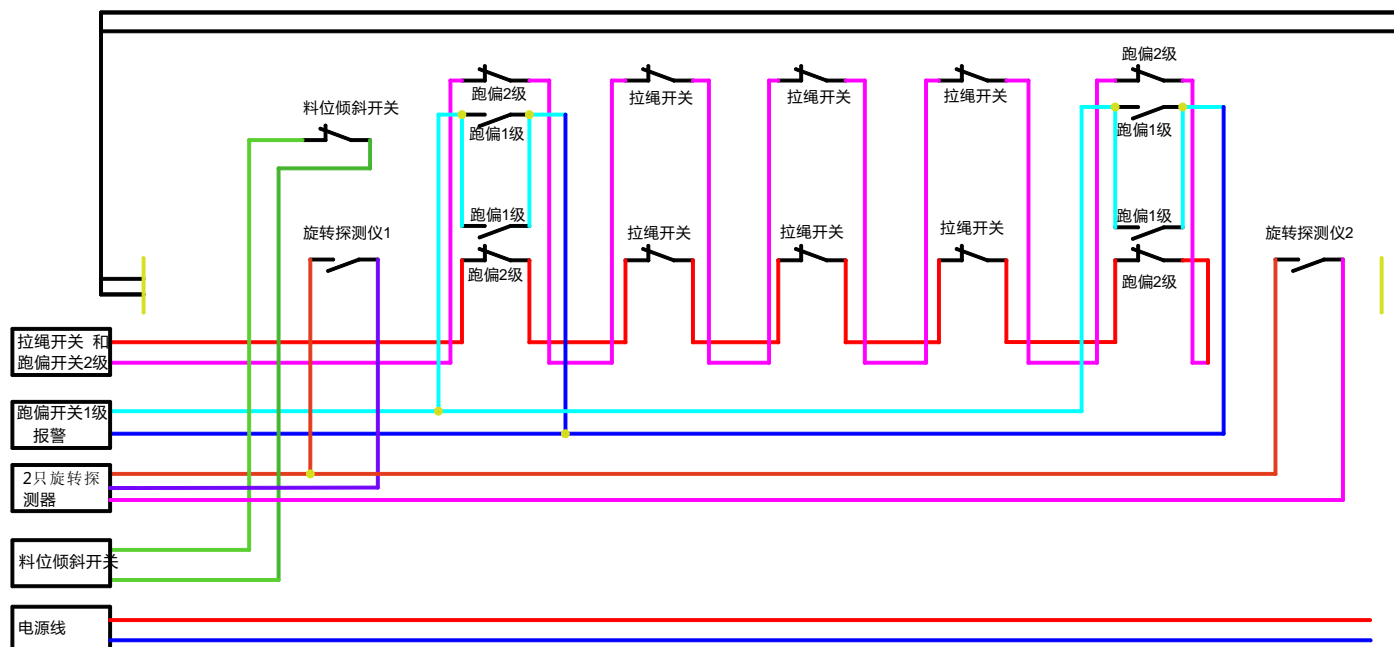
KA1-是旋转探测器负载自带的，型号：HH52PL

KA2-是辅助启动电机的继电器。选用继电器-HH54P。原因：皮带机的电机是大电流，建议不要直接接，用辅助继电器-便于维修更换。

KA3-是 拉绳-跑偏--整条皮带上的 常闭触点-正常工作的触点，选用继电器HH54PL。为什么不直接在启动电机上？建议不要省事-要便于维修和控制。

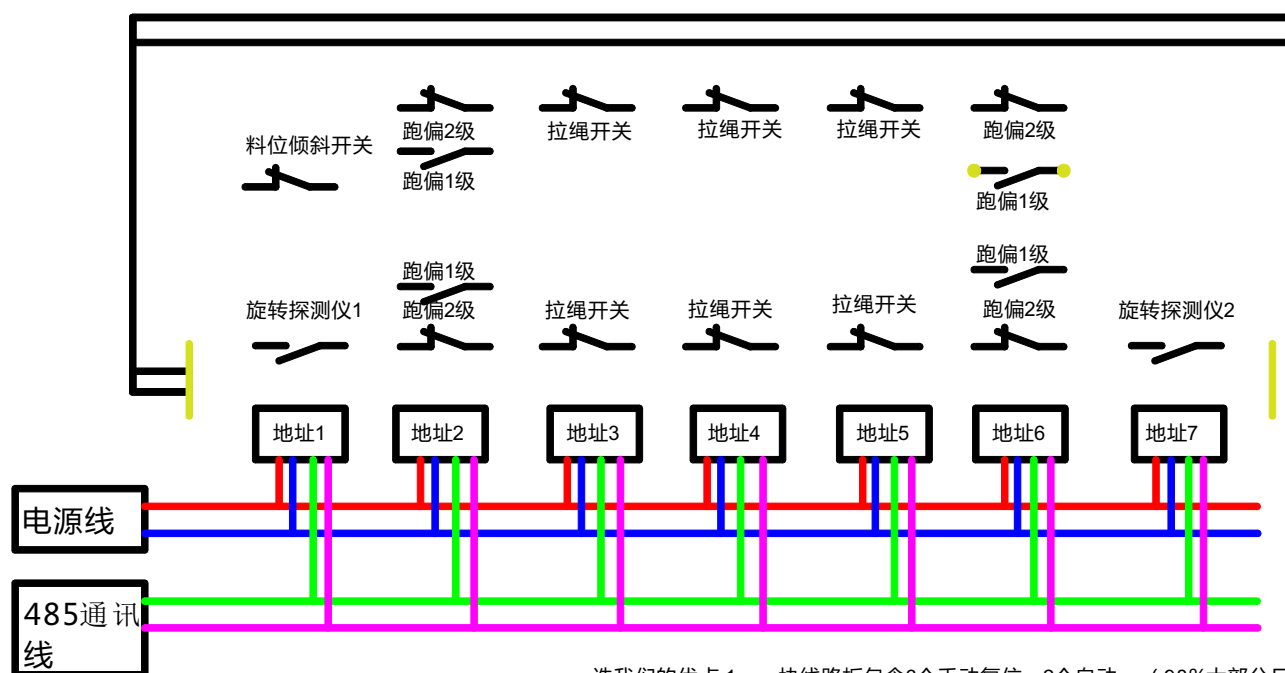
KA4-是 跑偏开关1级报警或驱动其它电路。

KM1-是启动交流接触器线圈。



是不是线路很多?

图3



设计：1：6个手动复位，2个自动复位。

2：不管你是常开或者常闭，可以直接转换后给主机。
PLC 可以从主机上读数据一整页。

3：输入功能有带延时功能，默认0。

4：另设计有输出功能，输出功能有带延时可调，可以作为延时器使用。默认0。

5：主机上有带速度开关，输出有带延时功能。

选我们的优点 1、一块线路板包含6个手动复位，2个自动。（98%大部分厂家是2个手动）想像一下，

1\皮带拉绳开关是2边装。我 1块线路板 可以对方的2块用；

2\有2个自动复位（相当于 按钮），如果工人可以在现场直接可以启动电机继续工作，或者再用无线控制按一下。

3\每块线路板有 自测 检测功能；举例，电工接好线路-能不能被分机接收，可以自测。

4\显示屏，我们采用大屏幕。不像一些厂家使用10多元显示屏；

5\分机上输入输出都有带延时功能（默认0）；输出-常开-常闭可以转换。

主机上有带延时功能（默认0），输出-常开-常闭可以转换

6\分机主板上 可以采集 常闭点（默认）或 常开点

7\本公司代码公开。可以直接让 PLC 读取。或者 PLC 直接读 主机

是不是线路很简单

图3